Gigabit Cardbus Adapter

Model # AGIGACB

User's Manual

Ver. 1A

Table of Contents

1. Introduction 3
1.1 System Requirements 3
2. Installing Hardware 3
3. Installing Driver 4
3.1 Windows 98SE 4
3.2 Windows Me 7
3.3 Windows 2000 9
3.4 Windows XP 12
4. Verifying Installation 14
5. Specifications 15
6. Technical Support 15

1. Introduction

The Gigabit Cardbus Adapter comes with a 32-bit bus architecture and full-duplex capability which allows for an unmatched high-speed network performance. By providing smooth connections to 10 Mbps, 100 Mbps and Gigabit Ethernet environments, the Gigabit Cardbus Adapter is the ultimate solution for the Cardbus equipped laptops.

1.1 System Requirements

- Drivers provided with this product
- Cardbus PC Card compliant Card Services and Socket Services
- Gigabit, 100Base-TX Fast Ethernet, or 10BaseT Ethernet connectivity to your local area network.
- Windows 98SE, Windows 2000, Windows Me, or Windows XP.

2. Installing Hardware

Step 1 Turn on the computer and wait for Windows to boot up.

Step 2 Insert the Cardbus firmly into the Cardbus slot with the LED indicators facing up.

Step 3 Connect one end of the Ethernet cable into an available switch/router port and connect the other end of the cable into the RJ-45 port of the Cardbus.

Step 4 Follow the instructions in the next section to install the drivers.

3. Installing Driver

3.1 Windows 98SE

Step 1 At the **Add New Hardware Wizard**, click **Next**.

Add New Hardware Wizard
This wizard searches for new drivers for:
Ethernet Controller
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

Step 2 Insert the provided Driver CD into the CD-ROM drive.

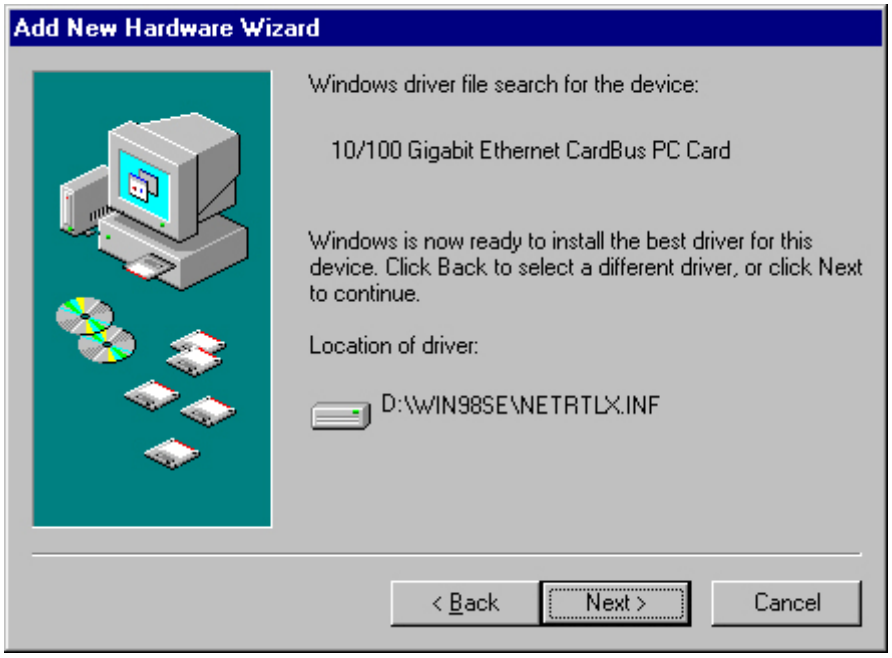
Step 3 Select **Search for the best driver for your device (Recommended)** and click **Next**.

Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

Step 4 Select **Specify a location** and click **Browse**. Browse to the CD-ROM drive and select the **Win98** folder. Click **Next** to continue.

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
D:\Win98SE
Browse...
< Back
Next >
Cancel

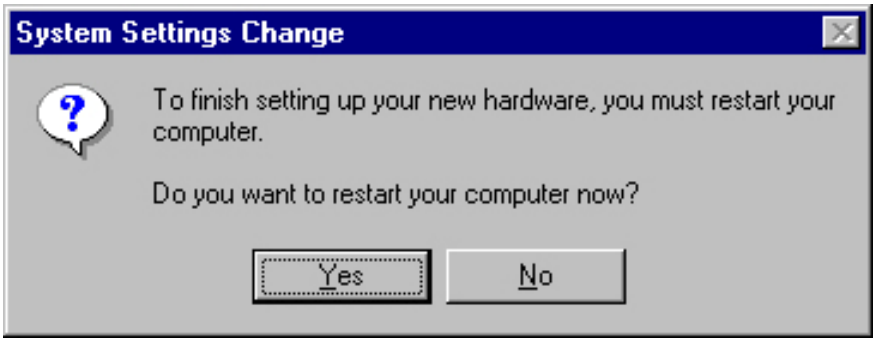
Step 5 Click **Next** to install the driver.


Add New Hardware Wizard
Windows driver file search for the device:
10/100 Gigabit Ethernet CardBus PC Card
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
D:\WIN98SE\NETRTLX.INF
< Back
Next >
Cancel

Step 6 Insert the **Windows 98SE** CD and click **OK** to continue.

Step 7 Click **Finish**.

Step 8 Click **Yes** to restart the computer and complete the driver installation.


System Settings Change
To finish setting up your new hardware, you must restart your computer.
Do you want to restart your computer now?
Yes
No

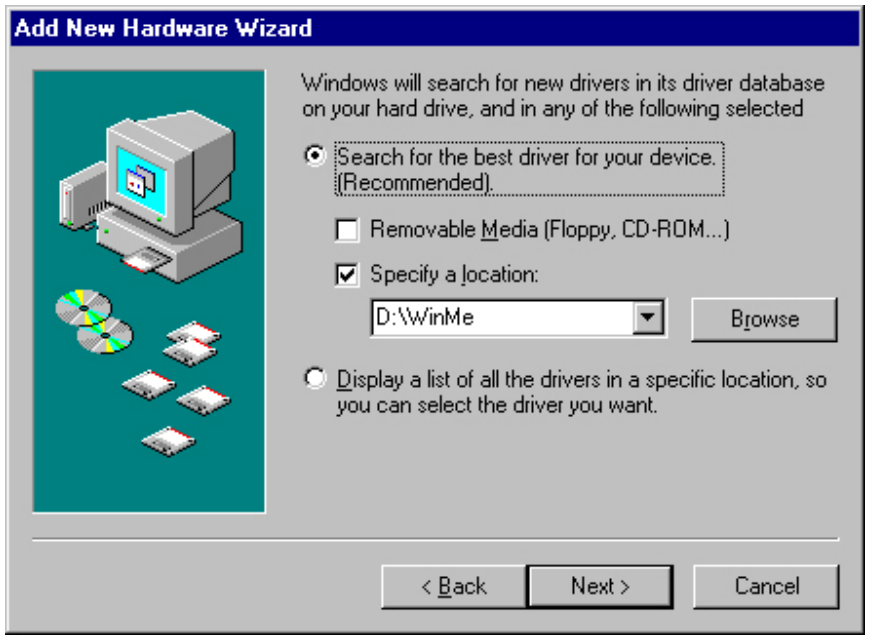
3.2 Windows Me

Step 1 At the **Add New Hardware Wizard**, select **Specify the location of the driver (Advanced)** and click **Next**.

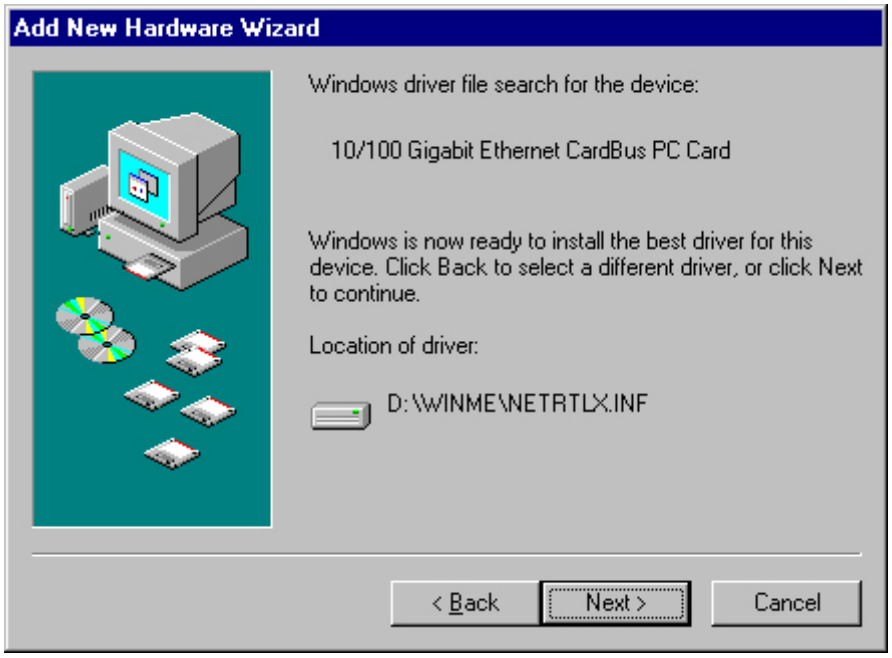
Add New Hardware Wizard
Windows has found the following new hardware:
Ethernet Controller
Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next.
What would you like to do?
Automatic search for a better driver (Recommended)
Specify the location of the driver (Advanced)
< Back
Next >
Cancel

Step 2 Insert the provided Driver CD into the CD-ROM drive.

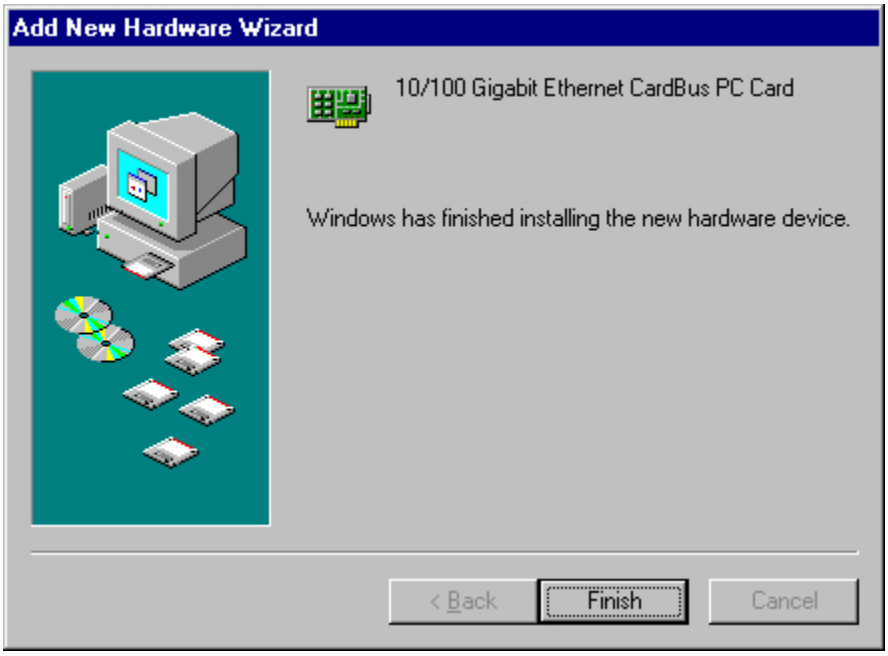
Step 3 Verify **Search for the best driver for your device (Recommended)** is selected. Select **Specify a location** and click **Browse**. Browse to the CD-ROM drive and select the **WinMe** folder. Click **Next** to continue.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected
Search for the best driver for your device. (Recommended).
Removable Media (Floppy, CD-ROM...)
Specify a location:
D:\WinMe
Browse
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

Step 4 Click **Next** to install the driver.


Add New Hardware Wizard
Windows driver file search for the device:
10/100 Gigabit Ethernet CardBus PC Card
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
D:\WINME\NETRTLX.INF
< Back
Next >
Cancel

Step 5 Click **Finish** to complete the installation.



3.3 Windows 2000

Step 1 At the **Found New Hardware Wizard**, click **Next**.

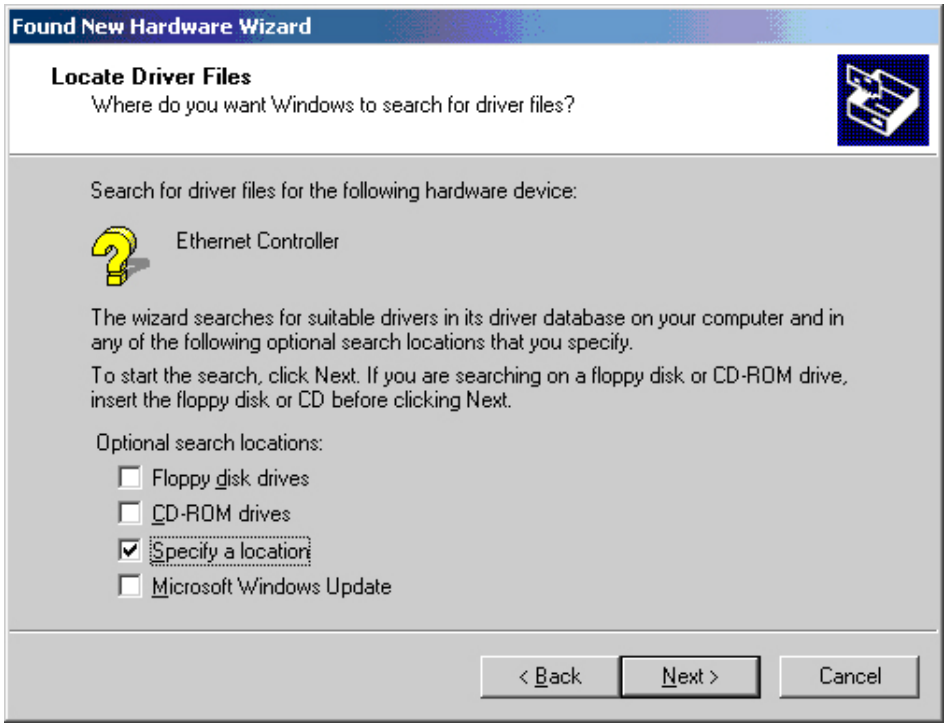
Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

Step 2 Insert the provided Driver CD into the CD-ROM drive.

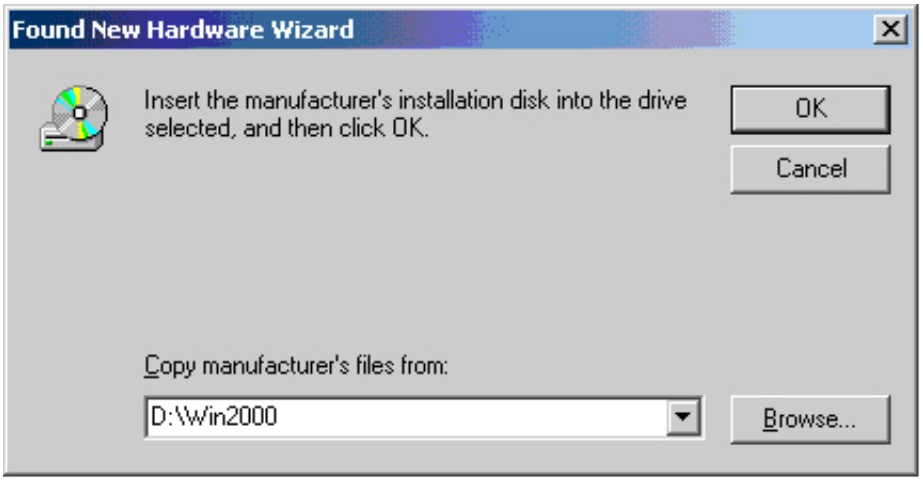
Step 3 Select **Search for a suitable driver for my device (recommended)** and click **Next**.

Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
Ethernet Controller
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

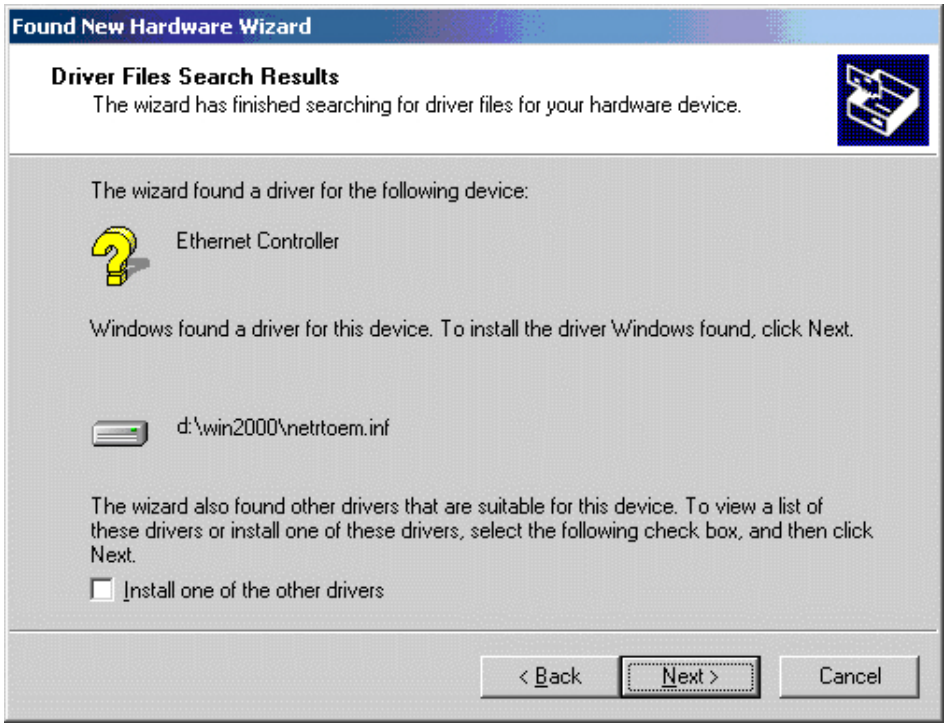
Step 4 Select **Specify a location** and click **Next**.


Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
Ethernet Controller
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

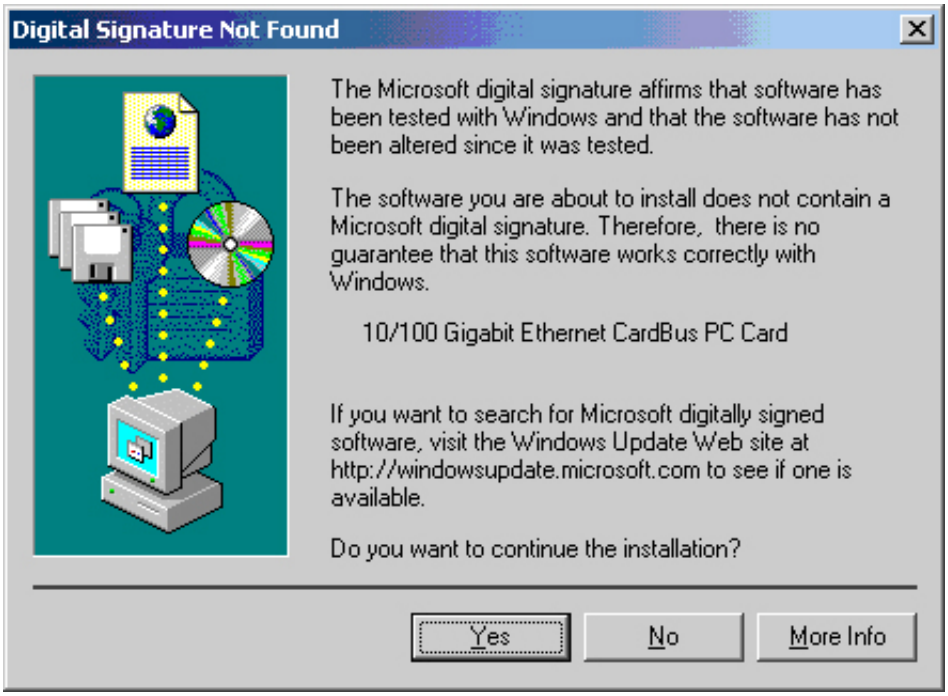
Step 5 Browse to the CD-Rom drive and select the **Win2000** folder and click **OK**.



Step 6 Click **Next** to install the driver.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
Ethernet Controller
Windows found a driver for this device. To install the driver Windows found, click Next.
d:\win2000\netrtoem.inf
The wizard also found other drivers that are suitable for this device. To view a list of these drivers or install one of these drivers, select the following check box, and then click Next.
Install one of the other drivers
< Back
Next >
Cancel

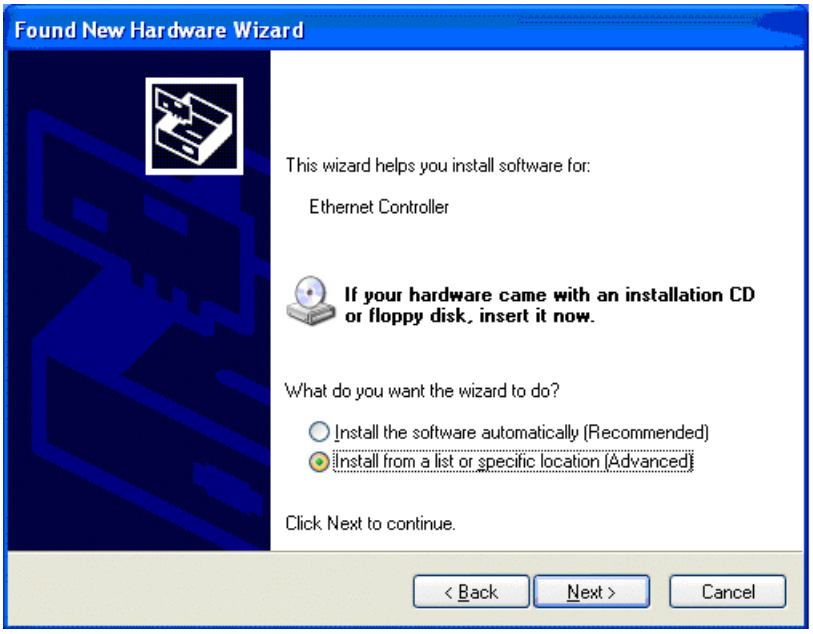
Step 7 Click **Yes** at the Digital Signature Window.


Digital Signature Not Found
The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
10/100 Gigabit Ethernet CardBus PC Card
If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
Do you want to continue the installation?
Yes
No
More Info

Step 8 Click **Finish** to complete the driver installation.

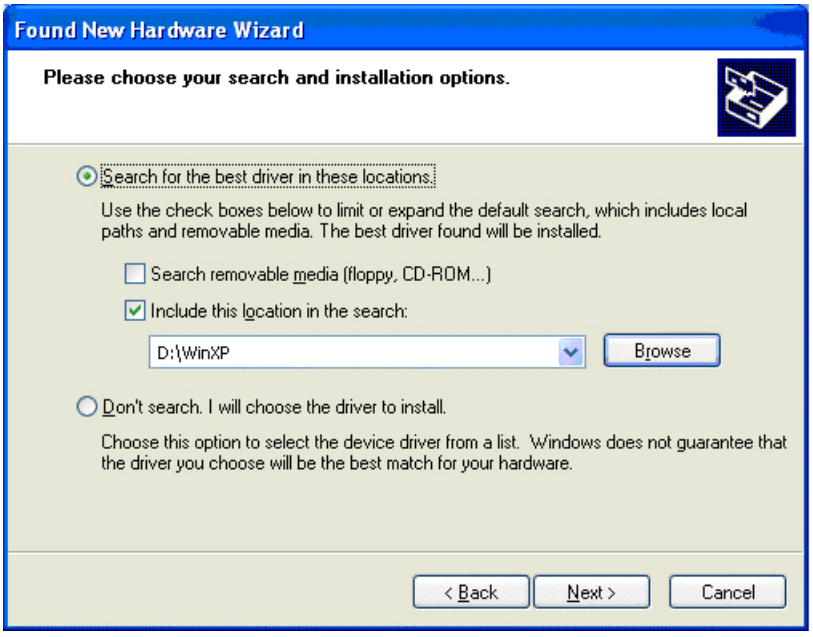
3.4 Windows XP

Step 1 At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)** and click **Next**.

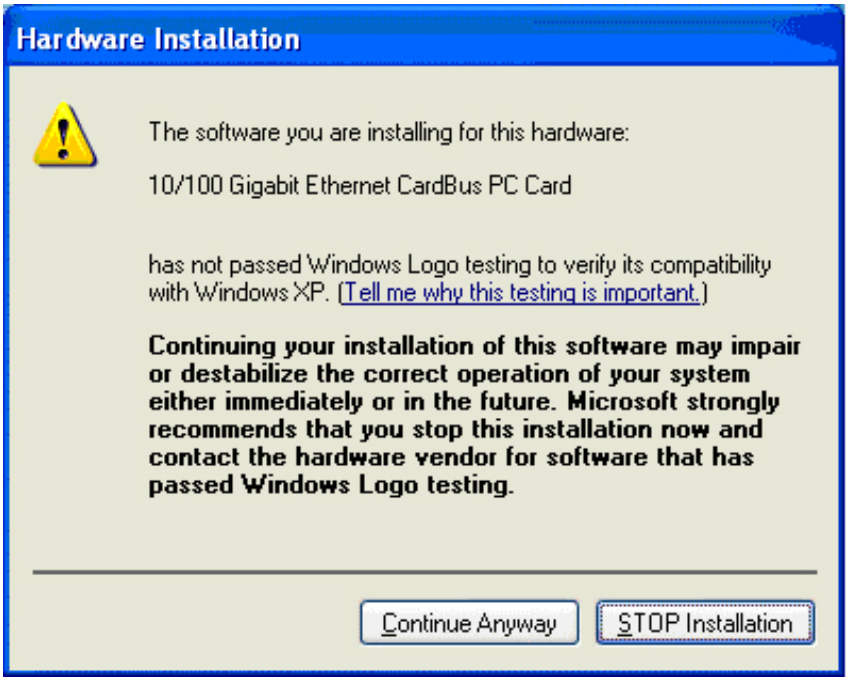

Found New Hardware Wizard
This wizard helps you install software for:
Ethernet Controller
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

Step 2 Insert the provided Driver CD into the CD-ROM drive.

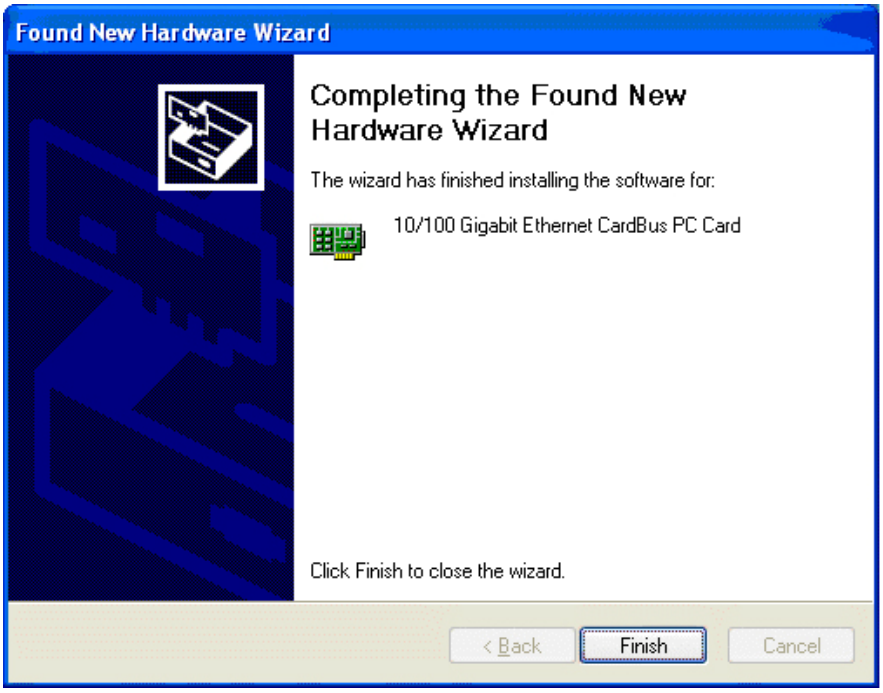
Step 3 Verify **Search for the best driver in these locations** is selected, and select the **Include this location in the search** check box and click **Browse**. Browse to the CD-ROM drive and select the **WinXP** folder. Click **Next** to continue.


Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
D:\WinXP
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

Step 4 Click **Continue Anyway** at the Windows Logo Testing prompt.


Hardware Installation
The software you are installing for this hardware:
10/100 Gigabit Ethernet CardBus PC Card
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Step 5 Click **Finish** to complete the driver installation.


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
10/100 Gigabit Ethernet CardBus PC Card
Click Finish to close the wizard.
< Back
Finish
Cancel

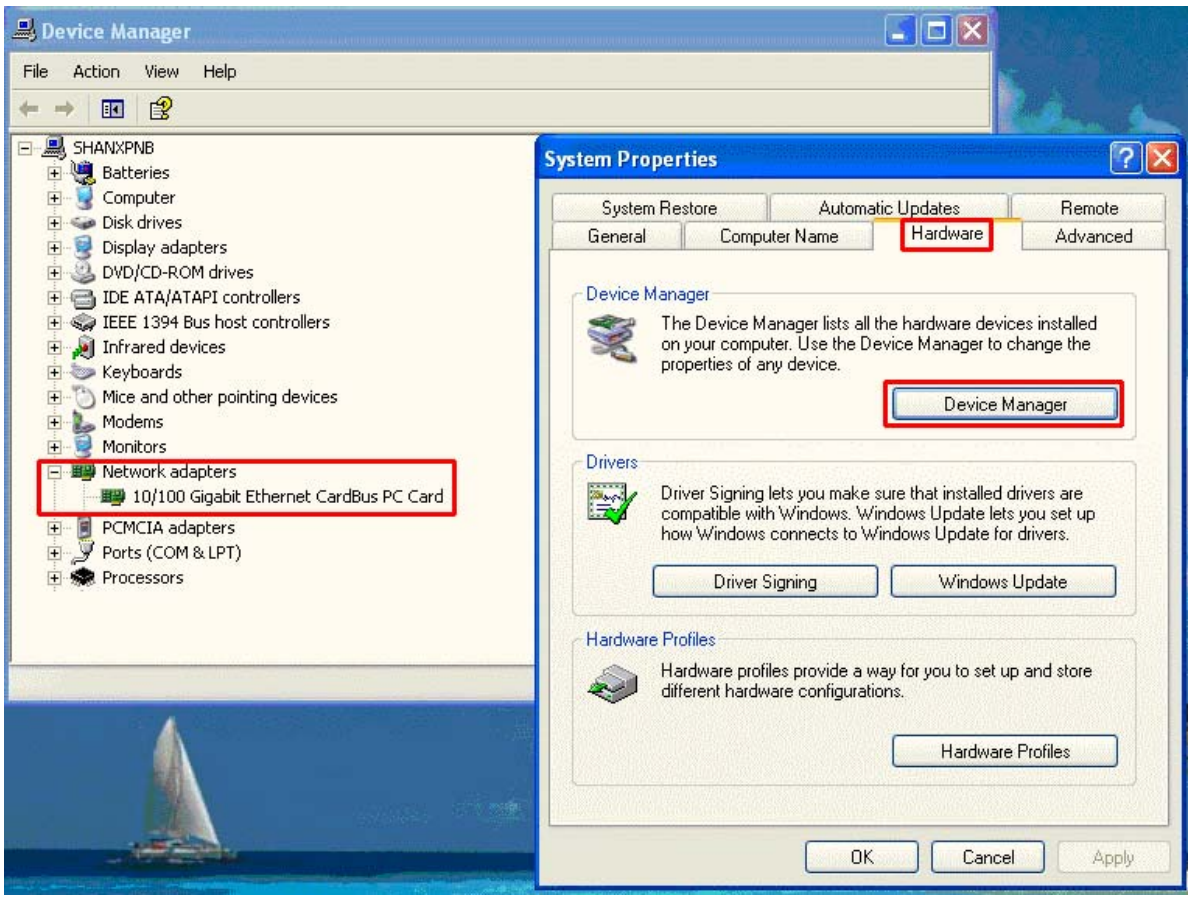
4. Verifying Installation

Follow the steps below to verify if the Cardbus is installed successfully.

Step 1 Right-click on **My Computer** from your desktop and choose **Properties**.

Step 2 Select the **Device Manager** tab. (For Windows 2000/XP, select the **Hardware tab** first then click on **Device Manager**).

Step 3 Expand **Network adapters** and verify that **10/100 Gigabit Ethernet CardBus PC Card** is in the list and that no yellow question mark or exclamation mark is beside it.



Step 4 Close the Device Manager. If you do not see **10/100 Gigabit Ethernet CardBus PC Card** under **Network adapters**, try to reinstall the driver again.

5. Specifications

Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseTX IEEE 802.3ab for 1000BaseT PCMCIA CardBus PC Card standard
Port	1 x RJ 45 phone jack
Power consumption	695 mA (in operation) 600 mA (idle)
Temperature	Operating: 0~70 ℃ Storing: -10~70 ℃
Humidity	10%~85% (non-condensing, storage)
Supported OS	Windows 98SE, Windows 2000, Windows Me, Windows XP.
Safety & Emission	FCC CE VCCI

6. Technical Support

E-mail: support@airlink101.com

Toll-Free: 1-888-746-3238

Web Site: www.airlink101.com

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